



SPYWOLF

Security Audit Report



Completed on
August 29, 2022

MADE IN USA 

@SPYWOLFNETWORK



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OVERVIEW

This audit has been prepared for **Zombie Nation** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Zombie Nation



PROJECT DESCRIPTION

According to their website:

Zombie Nation will be play to earn/move to earn game which in future can be accessed by mobile or PC app.

Users can earn reward by walking / running / cycling / driving. There will also be ingame NFT assets like weapons and land.

Release Date: There is no disclosed presale/release date in project's social media accounts and website.

Category: Play to earn/Move to earn



CONTRACT INFO

Token Name
Zombie Nation

Symbol
ZOMBN

Contract Address

0x46Be67D6b12A3BbEB0d5E9aFD1F42599850F836E

Network

Binance Smart Chain

Language

Solidity

Deployment Date

August 23, 2022

Verified?

Yes

Total Supply

100,000,000

Status

Not launched

TAXES

Buy Tax
3.5%

Sell Tax
3.5%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of August 29, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	100000000 ZOMBN
Median Transfer Amount	100000000 ZOMBN
Average Transfer Amount	100000000 ZOMBN
First transfer date	2022-08-23
Last transfer date	2022-08-23
Days token transferred	1

SMART CONTRACT STATS

Calls Count	3
External calls	3
Internal calls	0
Transactions count	3
Uniq Callers	1
Days contract called	2
Last transaction time	2022-08-27 21:08:50 UTC
Created	2022-08-23 09:52:52 UTC
Create TX	0xd2fc533e706679a93bf62efc99ec638b43b276b665637e51748378b38d05451e
Creator	0x9de94707417fc21bd603db7e05a92b631656a89f



FEATURED WALLETS

Owner address	0x9de94707417fc21bd603db7e05a92b631656a89f
Charity address	0x62fac65ed248f1aa052ac2311525a0ae990cd8cd
LP address	Liquidity not added yet

TOP 3 UNLOCKED WALLETS

1



Same as owner



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ Medium Risk

Owner can set buy/sell fees up to 25% (combined buy+sell=50%).

```
function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
    _taxFee = taxFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}

function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}
```

- Recommendation:
 - Considered as tax deduction practice is buy and sell fees combined not to exceed 25%



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Zombie Nation

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*There is no information about the initial tokens distribution based on the project's social media and website. ⚠️

TOKENOMICS



- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification



WEBSITE

Website URL

<https://www.zombienationgaming.net/>

Domain Registry

<http://www.wix.com>

Domain Expiration

2024-06-14

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page, template design, appropriate color scheme and graphics.

Content

The information is not very informative and confusing. Game mechanics are not explained well. ⚠️

Whitepaper

Well written, explanatory.

Roadmap

Yes, goals set at 4 phases without time frames.

Mobile-friendly?

No



zombienationgaming.net

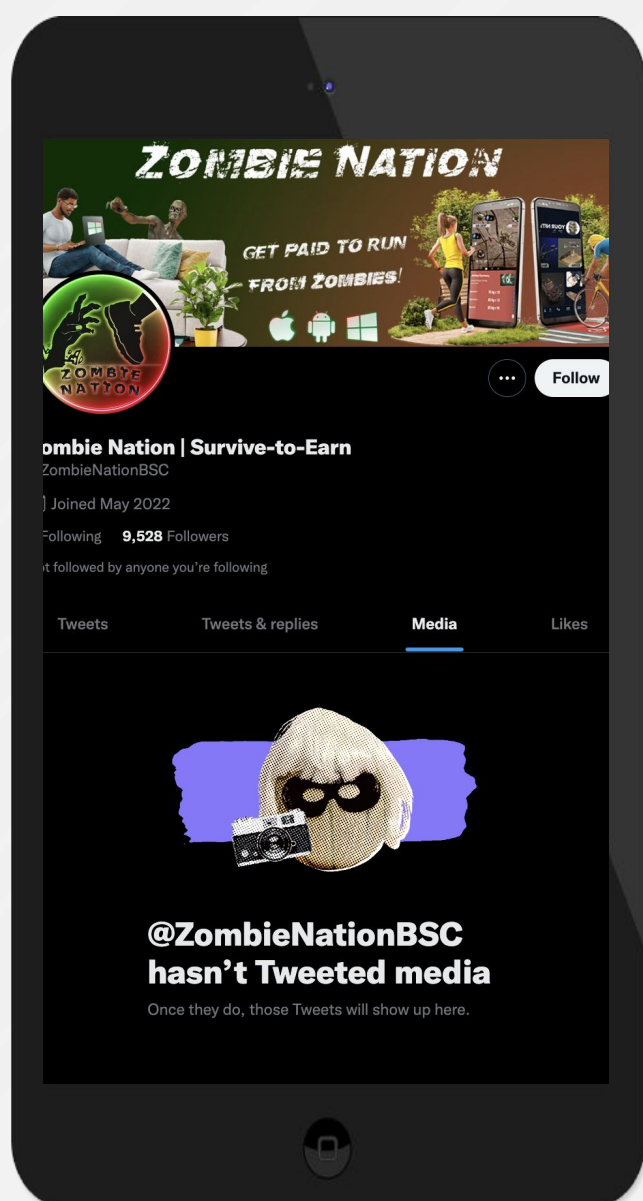


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media accounts are heavily botted and there are no active discussions between members



Twitter

<https://twitter.com/zombieNationBSC>

- 8 853 Followers, botted ⚠️
- No posts ⚠️



Discord

- Not available



Telegram

<https://t.me/ZombieNationOfficial>

- 11 463 members, botted ⚠️
- No active members ⚠️
- No active mods ⚠️



Medium

- Not available



SPYWOLF

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Contract Development

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.